



INSTALLATION INSTRUCTIONS

V90164

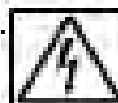
MINI QUIET CEILING ROUND TRIM SERIES

Model: QCM500 with QCM5001-5003

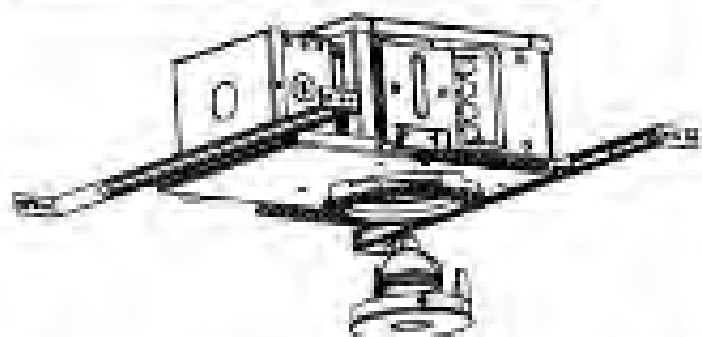


Avoid Fire or Electric Shock

- *Installation Instructions for qualified electricians only.
- *Install per National Electrical Code and local regulations.
- *Read Installation Instructions completely before installation.
- *Failure to follow installation instructions may void warranties.



THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.



Fixture Mounting

BUTTERFLY MOUNTING:

1. Fixture comes equipped with Universal Butterfly Mounting Brackets and can take common 1 inch or 1-1/2 inch Black Iron or Galvanized Mounting Channels (Supplied By Others). See Fig. 1.
2. Position Fixture so the Mounting Channels lie on top of ceiling runners.
3. Fasten Mounting Channels securely to ceiling runners.
4. Secure Mounting Channels to Universal Butterfly Mounting Brackets with set screws.

HANGER BAR MOUNTING:

1. Maximum Hanger Bar offset span: 22-1/2 inches.
2. Spread Hanger Bars to fit span of rafters.
3. Hammer Flanges to secure Hanger Bar Tabs to rafters. See Fig. 1.
4. Secure Hanger Bars using one (1) nail in Mounting Hole in each Flange.

5. Mudding Ring is sent unmounted from factory. Adjust Mudding Ring to applicable Ceiling thickness by aligning and securing to Fixture using applicable Mounting Hole Pattern as indicated by Ceiling Thickness Indicator Mark Imprinted on Mudding Ring. See Fig. 2.

Fixture Mounting (Con't)

5. Secure Mudding Ring using four (4) #8-22x1/2 inch Flathead Screws (for 1/2 inch, 5/8 inch and 3/4 inch Ceiling thickness) or four (4) #6-22x3/4 inch Flathead Screws (for 1 inch Ceiling thickness).
7. Adjust elevation of Fixture as Mudding Ring Edge will be flush with surface of finished Ceiling by loosening two (2) 1/4 inch Hex Screws on both Universal Mounting Brackets. See Fig. 1.
8. Tighten two (2) 1/4 inch Hex Screws on both Universal Butterfly Mounting Brackets to secure Fixture. See Fig. 1.
9. Install Ceiling drywall up to Mudding Ring on Fixture so that the two (2) Mudding Frame Brackets contact inside of Ceiling. See Fig. 3.
10. Retain Fixture to Ceiling with one (1) Flathead Screw through each of two (2) Mudding Frame Brackets. See Fig. 3.
11. Apply Drywall Tape and Mudding Compound to Mudding Ring overlapping Mudding Ring, Flathead Screws, Fixture Gap and surrounding area. Feather out Mudding Compound from Mudding Ring opening to surrounding ceiling area to produce a smooth, flat finish. See Fig. 3.

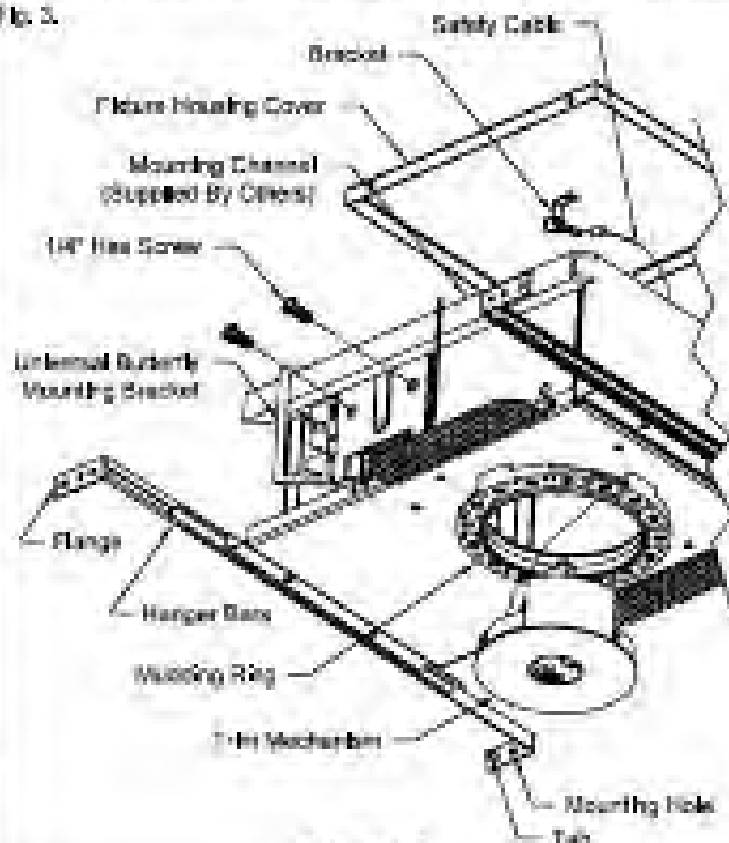


Figure 1



INSTALLATION INSTRUCTIONS (CON'T) MINI QUIET CEILING ROUND TRIM SERIES Model: QCM500 with QCM5001-5003

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Fixture Mounting (Con't)

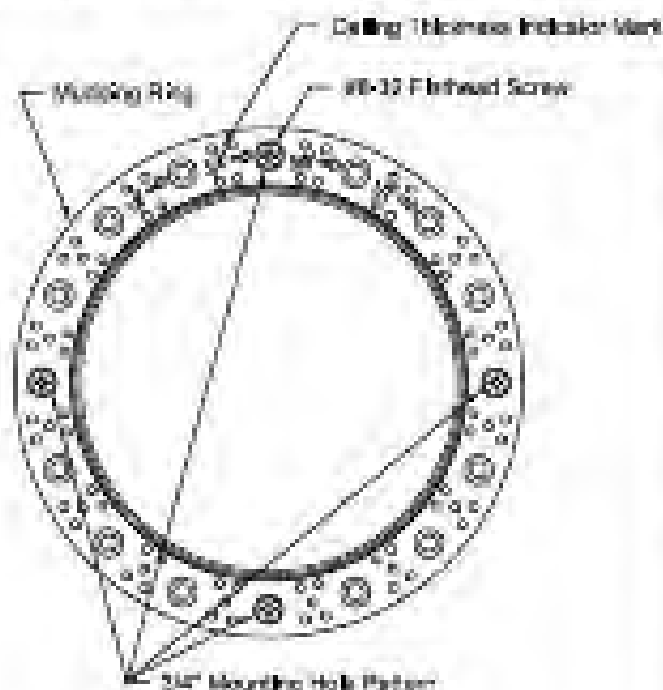


Figure 2

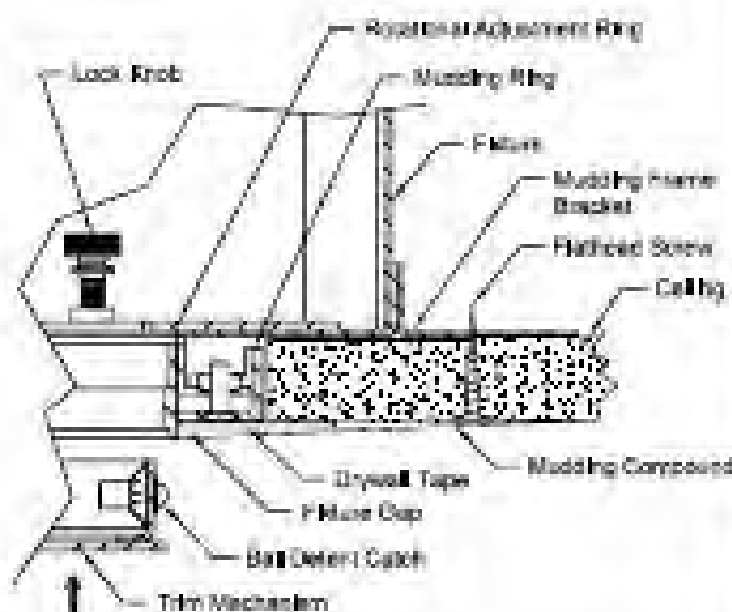


Figure 3

Trim Installation

1. Connect Safety Cable attached to Banana Bracket on Trim Mechanism (See Fig. 1) to Fixture by inserting Safety Cable through opening in Fixture and inserting Snap Hook on end of Safety Cable into hole in Bracket attached to inside of Fixture Housing Cover (See Fig. 1).
2. Install Trim Mechanism into Fixture by pressing firmly to seal Ball Detent Catches, See Fig. 3.

Lamp Installation

Lamp Bracket accommodates up to two (2) accessories.
 *Rapid relamping system ensures original placement of light beam position after relamping using Tab Alignment Feature.

1. Remove Trim Mechanism from Ceiling.
2. Slide out Lamp and/or accessories from under Spring Clip to remove. See Fig. 4.
3. Replace Lamp and/or Accessories as necessary.
4. To ensure original light beam placement, align Tab Alignment Feature on Trim Mechanism (See Fig. 4) with Tab Alignment Feature on Rotational Adjustment Ring inside Fixture (See Fig. 5).

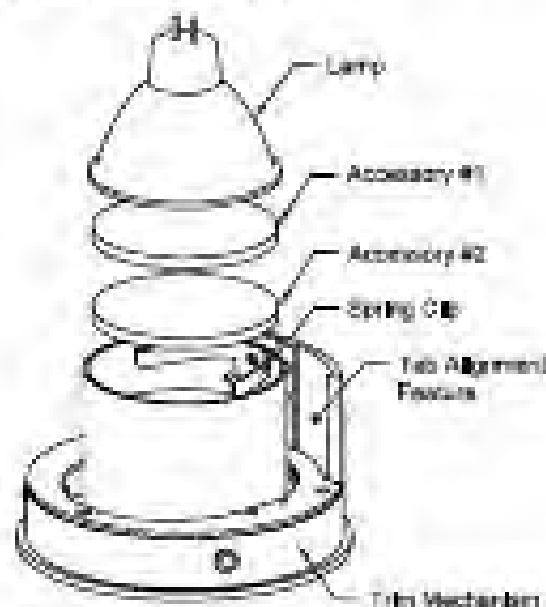


Figure 4



INSTALLATION INSTRUCTIONS (CON'T)

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360° Rotational Lamp Adjustment

IF LOCKING KNOB IS UNLOCKED:

1. Rotate Trim Mechanism to desired lamp beam position by turning Trim Mechanism up to 360 Degrees.
2. To lock positioning, remove Trim Mechanism being careful not to change position.
3. Tighten Lock Knob inside Fixture to lock Rotational Adjustment Ring. See Fig. 5.
4. Re-install Trim Mechanism into Fixture by pressing firmly to seat Ball Detent Catches.

IF LOCKING KNOB IS LOCKED:

1. Remove Trim Mechanism from Fixture.
2. Loosen Lock Knob inside Fixture.
3. Replace Trim Mechanism and rotate Trim Mechanism to desired beam direction.
4. Remove Trim Mechanism and lock rotation Lock Knob.
5. Re-install Trim Mechanism into Fixture by pressing firmly to seat Ball Detent Catches being careful to align Tab Alignment Feature on Trim Mechanism with Tab Alignment Feature Notch in Rotational Adjustment Ring.

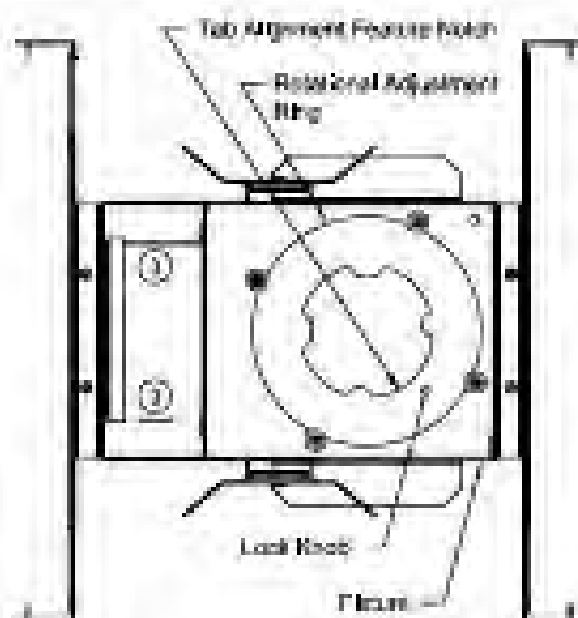


Figure 5

(Face Cover Removed For Clarity)